CRDA | Capital Region Development Authority

100 Columbus Blvd
Suite 500
Hartford, CT 06103-2819
www.crdact.net

Addendum 3

Dated: May 16, 2025

Rentschler Field Roof Replacement

CRDA Project #25-024

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents issued for this project. **All bidders must acknowledge receipt of this Addendum in their bid submission. Failure to do so may result in disqualification.**

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum #3.

General Information:

• The deadline for RFIs is Friday, May 23, 2025.

• See attached RFI log. (1)

New Specifications:

• Section 077129, Manufactured Roof Expansion Joints, has been added and is attached as part of this addendum. (3) *(Per Owner Request/Added Scope)*

Changes to the Specifications:

• TECHNICAL SPECIFICATIONS TABLE OF CONTENTS, Page 1, Division 7 – Thermal and Moisture Protection, Add the following:

Section 077129 Manufactured Roof Expansion Joints (3)

New Drawings:

• The following ARCHITECTURAL drawings have been added and are attached as part of this addendum:* (7) *(Per Owner Request/Added Scope)*

- A003 CONCOURSE ROOF DEMOLITION PLANS
- A004 CONCOURSE ROOF DEMOLITION PLANS
- A005 CONCOURSE ROOF DEMOLITION PLANS
- A101 CONCOURSE ROOF PLANS
- A102 CONCOURSE ROOF PLANS
- A103 CONCOURSE ROOF PLANS

- A201 DETAILS

Changes to the Drawings:

• The following ARCHITECTURAL drawings have been deleted in their entirety, and new drawings have been added and are attached as part of this addendum.* (3) *(Per Owner Request/Added Scope)*

- COVER SHEET
- A001 OVERALL STADIUM PLAN
- A100 TOWER ROOF PLAN

The bid date remains Thursday, June 5, 2025 at 1:00PM by this addendum.

The addendum consists of six (6) pages of 8½" x 11" text and ten (10) 30" x 42" drawings*.

Attached:

- Revised Invitation to Bid, dated 5.16.25 (45 pages)

End of Addendum #3

SILVER PETRUCELLI + ASSOCIATES
3190 Whitney Avenue | Hamden CT 06518
311 State Street | New London CT 06320

BID RFI LOG

Project: **Rentschler Field Tower Roof Replacement**
State Project/Bid #:
S/P+A Project #: **24.236**

RFI Deadline: **05/23/25**
Bids Due: **06/05/25**

RFI #	QUESTION	DATE RECEIVED	RESPONSE	ADDENDUM # ISSUED
001	Page 3 of the invitation to bid under scope of work #2 states metal ladders to be removed and replaced. Page A002 of the drawings under demolition note #7 states to remove and retain for reinstallation. Please confirm which is correct.	05/01/25	Note #7 refers to the metal stairs that are part of the platform on Roof A-2 (to the west of Roof C) and the stairs to the machine room on Roof A-1 (to the north of Roof D). These stairs are to be removed and reinstalled with appropriate adjustments as needed.	2
002	Regarding something on the overall roof plan (A100). Littered throughout the roof are the abbreviations "PP" which according to the symbol legend stand for pitch box. I have attached a copy of A100 where I have circled a bunch of these abbreviations but not all. We would like to know if there truly needs to be this number of pitch boxes spread throughout each roof section or if this is a mistake. This seems like an excessive amount of pitch boxes and not typically normal to see this number of them on a roof.	05/02/25	There are upwards of 100 pitch pockets (PP), and all are required. Contractor to verify exact number and location in field.	2
003	Please confirm the DAS Contractor Prequalification classification of work required to bid on this project.	05/07/25	"Roofing."	3

SECTION 077129 - MANUFACTURED ROOF EXPANSION JOINTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section Includes:

1. Compressible tube type roof expansion joints.

B. Related Requirements:

1. Section 061000 "Rough Carpentry" for wooden curbs or cants for mounting roof expansion joints.
2. Section 076200 "Sheet Metal Flashing and Trim" for shop- and field-fabricated sheet metal expansion-joint systems, flashing, and other sheet metal items.

1.3 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For roof expansion joints.

1. Include plans, elevations, sections, and attachment details.
2. Include details of splices, intersections, transitions, fittings, method of field assembly, and location and size of each field splice.
3. Provide isometric drawings of intersections, terminations, and changes in joint direction or planes, depicting how components interconnect with each other and adjacent construction to allow movement and achieve waterproof continuity.

C. Samples: For each exposed product and for each color specified, 6 inches in size.

1.4 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Product Test Reports: For each fire-barrier provided as part of a roof-expansion-joint assembly, for tests performed by a qualified testing agency.

C. Sample Warranties: For special warranties.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Installer of roofing membrane.

1.6 WARRANTY

A. Special Warranty: Manufacturer and Installer agree to repair or replace roof expansion joints and components that leak, deteriorate beyond normal weathering, or otherwise fail in materials or workmanship within specified warranty period.

1. Warranty Period: Two (2) years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. General: Roof expansion joints shall withstand exposure to weather, remain watertight, and resist the movements indicated without failure, rattling, leaking, or fastener disengagement due to defective manufacture, fabrication, installation, or other defects in construction.

B. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes to prevent buckling, opening of joints, hole elongation, overstressing of components, failure of joint seals, failure of connections, and other detrimental effects.

1. Temperature Change: 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.

C. Fire-Test-Response Characteristics: Provide fire-barrier assemblies with fire-test-response characteristics as determined by testing identical products, per test method indicated, by UL or another testing agency acceptable to authorities having jurisdiction. Assemblies shall be capable of anticipated movement while maintaining fire rating. Fire-barrier products shall bear classification marking of qualified testing agency.

2.2 COMPRESSIBLE TUBE-TYPE ROOF EXPANSION JOINTS

A. Source Limitations: Obtain roof expansion joints approved by roofing manufacturer and that are part of roofing membrane warranty.

B. Compressible Tube Roof Expansion Joint: Preformed, compressible, resilient, non-staining, non-waxing, non-extruding strips of closed-cell polyethylene foam, nonabsorbent to liquid water and gas, non-outgassing in unruptured state and of size, shape, and density to control sealant depth and otherwise contribute to producing optimum sealant performance.

1. Fire Barrier: Manufacturer's standard fire-resistive joint system with ratings determined per ASTM E 119 to resist spread of fire and to accommodate building thermal movements without impairing its ability to resist the passage of fire and hot gases.

a. Fire-Resistance Rating: Not less than 2-hour.

2.3 MATERIALS

A. Adhesives: As recommended by roof-expansion-joint manufacturer and with a VOC content of 70 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

B. Mineral-Fiber Blanket: ASTM C 665.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, to verify actual locations, dimensions, and other conditions affecting performance of the Work.

B. Examine roof-joint openings, inside surfaces of parapets, and expansion-control joint systems that interface with roof expansion joints, for suitable conditions where roof expansion joints will be installed.

C. Verify that substrate is sound, dry, smooth, clean, sloped for drainage, and securely anchored.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

A. General: Comply with manufacturer's written instructions for handling and installing roof expansion joints.

1. Anchor roof expansion joints securely in place, with provisions for required movement. Use fasteners, protective coatings, sealants, and miscellaneous items as required to complete roof expansion joints.
2. Install roof expansion joints true to line and elevation; with limited oil-canning and without warping, jogs in alignment, buckling, or tool marks.
3. Provide for linear thermal expansion of roof expansion joint materials.
4. Provide uniform profile of roof expansion joint throughout its length; do not stretch or squeeze membranes.
5. Provide uniform, neat seams.
6. Install roof expansion joints to fit substrates and to result in watertight performance.
7. Torch cutting of roof expansion joints is not permitted.

B. Splices: Splice roof expansion joints with materials provided by roof-expansion-joint manufacturer for this purpose, to provide continuous, uninterrupted, and waterproof joints.

C. Fire Barrier: Install fire barrier where indicated to provide continuous, uninterrupted fire resistance throughout length of roof expansion joint, including transitions and end joints.

3.3 PROTECTION

A. Protect roof expansion joints from foot traffic, displacement, or other damage.

B. Remove and replace roof expansion joints and components that become damaged by moisture or otherwise.

END OF SECTION 077129

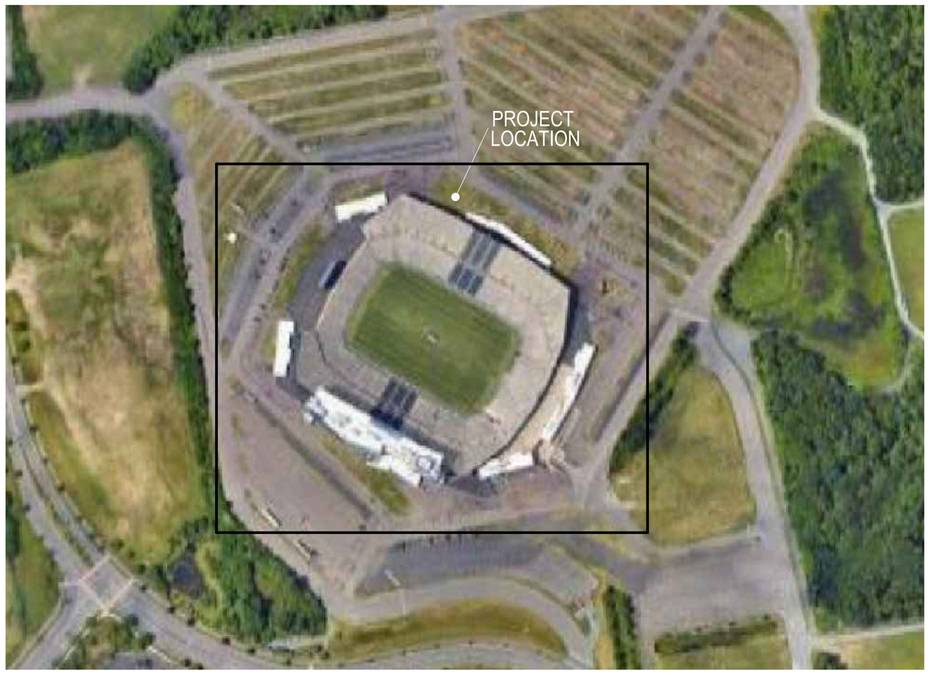
PROJECT TITLE:

ROOF REPLACEMENT AT:

RENTSCHLER FIELD TOWER ROOF

615 SILVER LANE
EAST HARTFORD, CONNECTICUT

PROJECT LOCATION:



NORTH

DRAWING LIST

	COVER SHEET
A001	OVERALL STADIUM PLAN
A002	TOWER ROOF DEMOLITION PLAN
A003	CONCOURSE ROOF DEMOLITION PLANS
A004	CONCOURSE ROOF DEMOLITION PLANS
A005	CONCOURSE ROOF DEMOLITION PLANS
A100	TOWER ROOF PLAN
A101	CONCOURSE ROOF PLANS
A102	CONCOURSE ROOF PLANS
A103	CONCOURSE ROOF PLANS
A200	DETAILS
A201	DETAILS

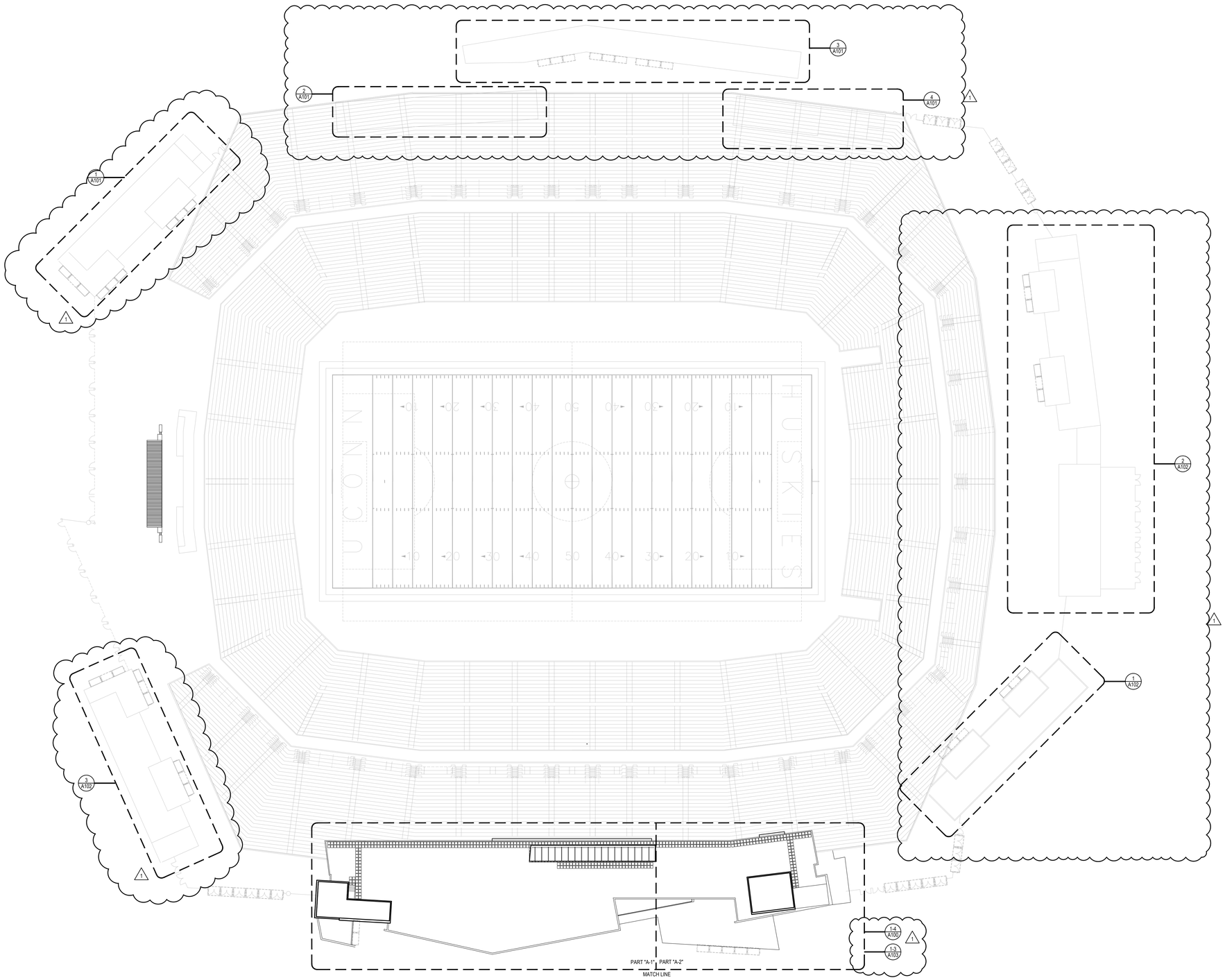
2

ARCHITECT
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE, HAMDEN CT 06518
311 STATE STREET NEW LONDON, CT 06320
PHONE 203 230 9007 silverpetrucelli.com

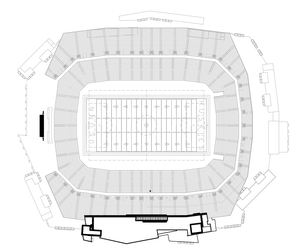
SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

ISSUED FOR BID: 04/28/2025



1 OVERALL ROOF PLAN
1/32"=1'-0"



NORTH

KEY PLAN
SCALE: NONE

Project Title:
ROOF REPLACEMENT AT:

RENTSCHLER FIELD TOWER ROOF

615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

SILVER PETRUCELLI + ASSOCIATES

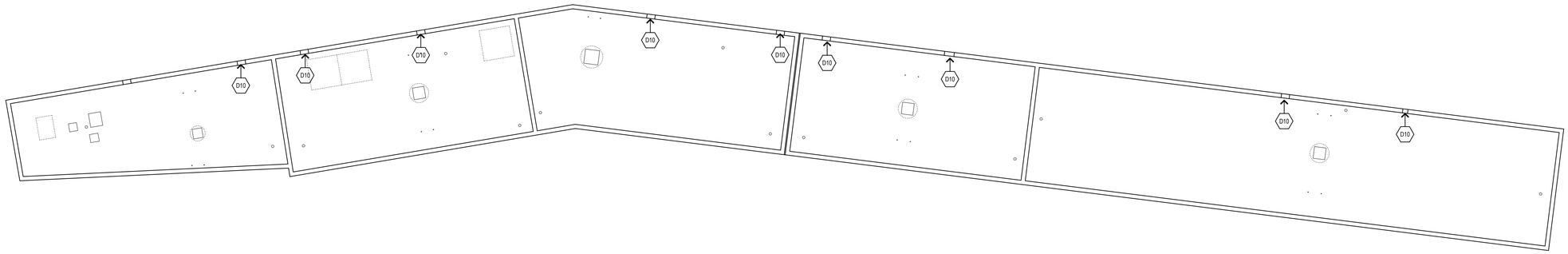
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	05/16/2025	MCM

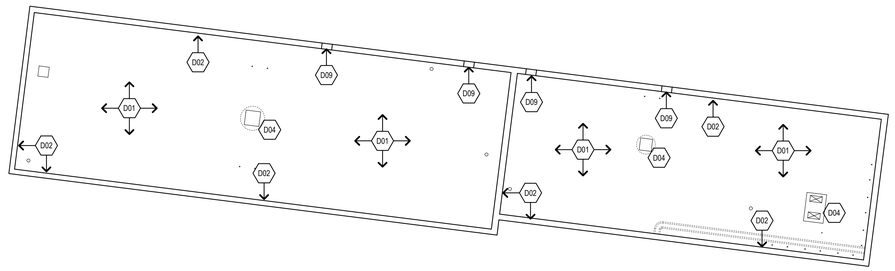
Drawing Title:
OVERALL STADIUM PLAN

Date: 04/28/2025
Scale: AS NOTED
Drawn By: MCM
Project Number: 24-236

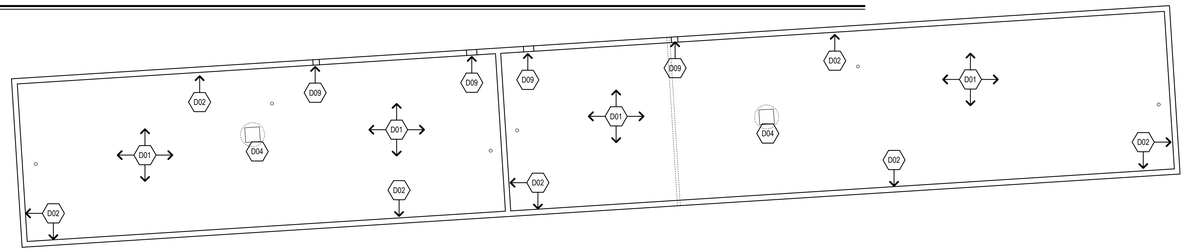
Drawing Number:
A001



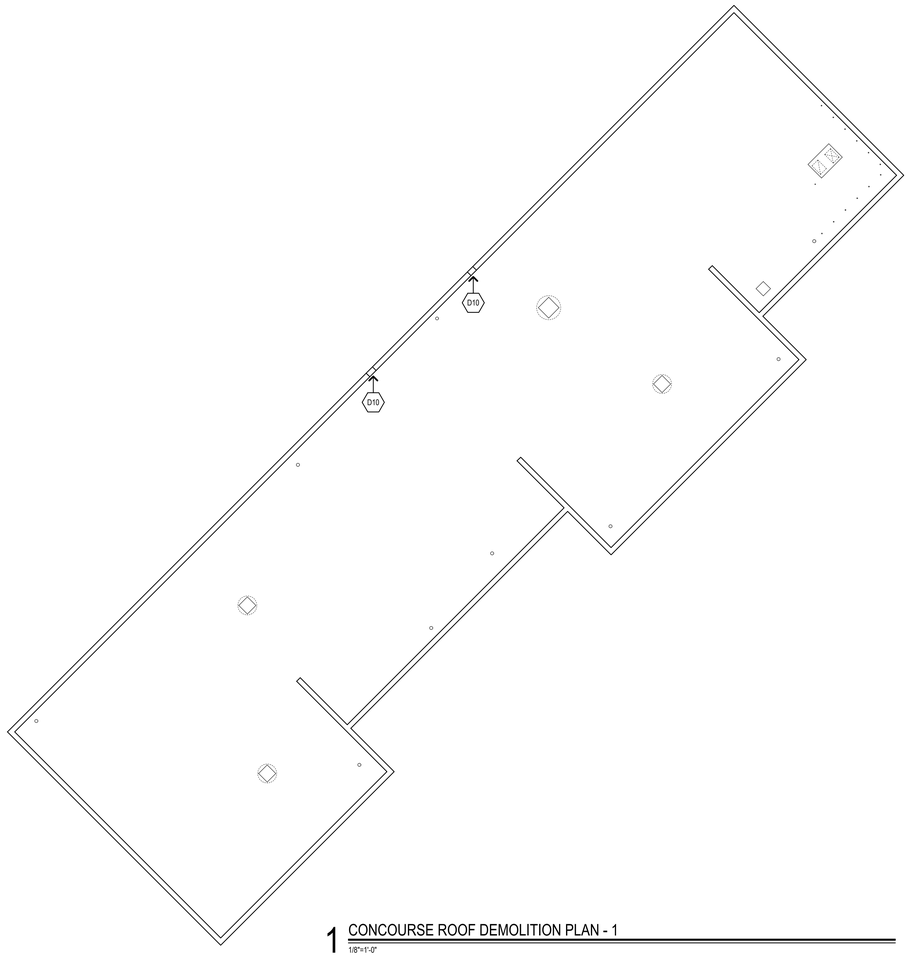
3 CONCOURSE ROOF DEMOLITION PLAN - 3
1/8"=1'-0"



4 CONCOURSE ROOF DEMOLITION PLAN - 4
1/8"=1'-0"



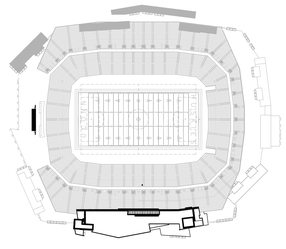
2 CONCOURSE ROOF DEMOLITION PLAN - 2
1/8"=1'-0"



1 CONCOURSE ROOF DEMOLITION PLAN - 1
1/8"=1'-0"

DEMOLITION NOTES

1. REMOVE ALL EXISTING ROOFING SYSTEM (MEMBRANE, INSULATION, COVERBOARD, GYPSUM BOARD & PENETRATION FLASHING).
2. REMOVE ALL PERIMETER METAL FLASHING OF LOW ROOFS WITHIN SCOPE OF WORK, SHOWN SHADED. REFER TO S/A001.
3. REMOVE EXISTING ROOF DRAINS & SUMP.
4. REMOVE ALL MECHANICAL UNIT FLASHING.
5. COORDINATE REMOVAL OF EXISTING CABLE TRAYS WITH THIRD PARTY VENDOR. RETAIN FOR REINSTALLATION.
6. REMOVE EXISTING GUARD FENCE. RETAIN FOR REINSTALLATION.
7. REMOVE EXISTING METAL STAIRS & PLATFORM. RETAIN FOR REINSTALLATION.
8. REMOVE EXISTING P.T. 2X PLATE & METAL SKID. ~~RETAIN METAL SKID FOR REINSTALLATION.~~
9. REMOVE EXISTING ROOF SCUPPER & ASSOCIATED MATERIALS.
10. REMOVE EXISTING SPLASH BOX & DOWNSPOUT. 1



NORTH

KEY PLAN
SCALE: NONE

Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

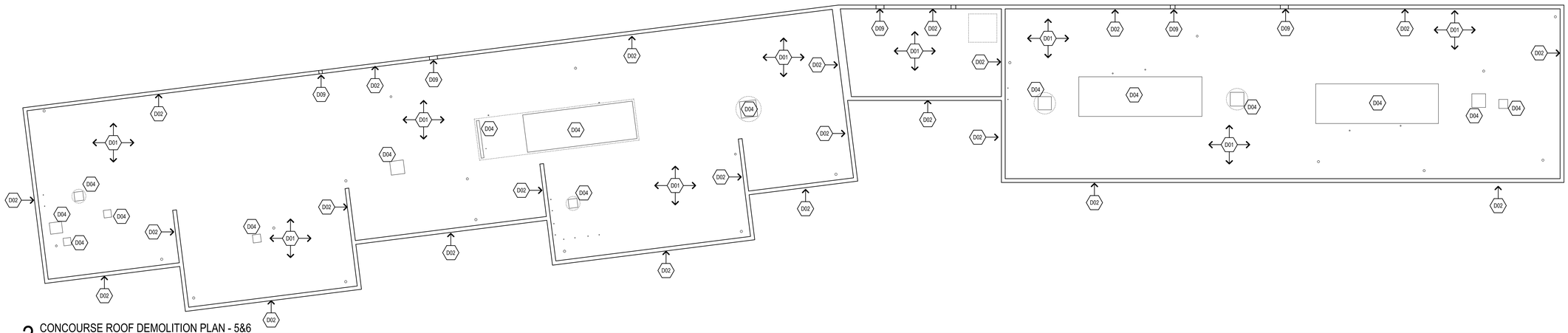
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	05/16/2025	MCM

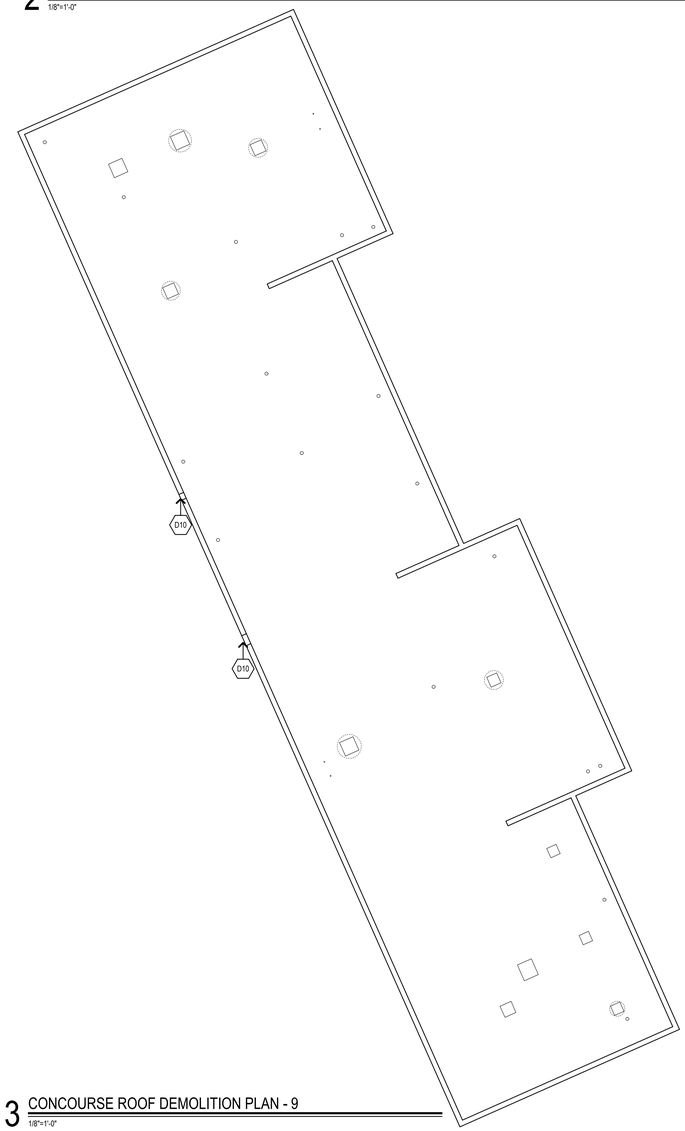
Drawing Title:
CONCOURSE ROOF DEMOLITION PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236

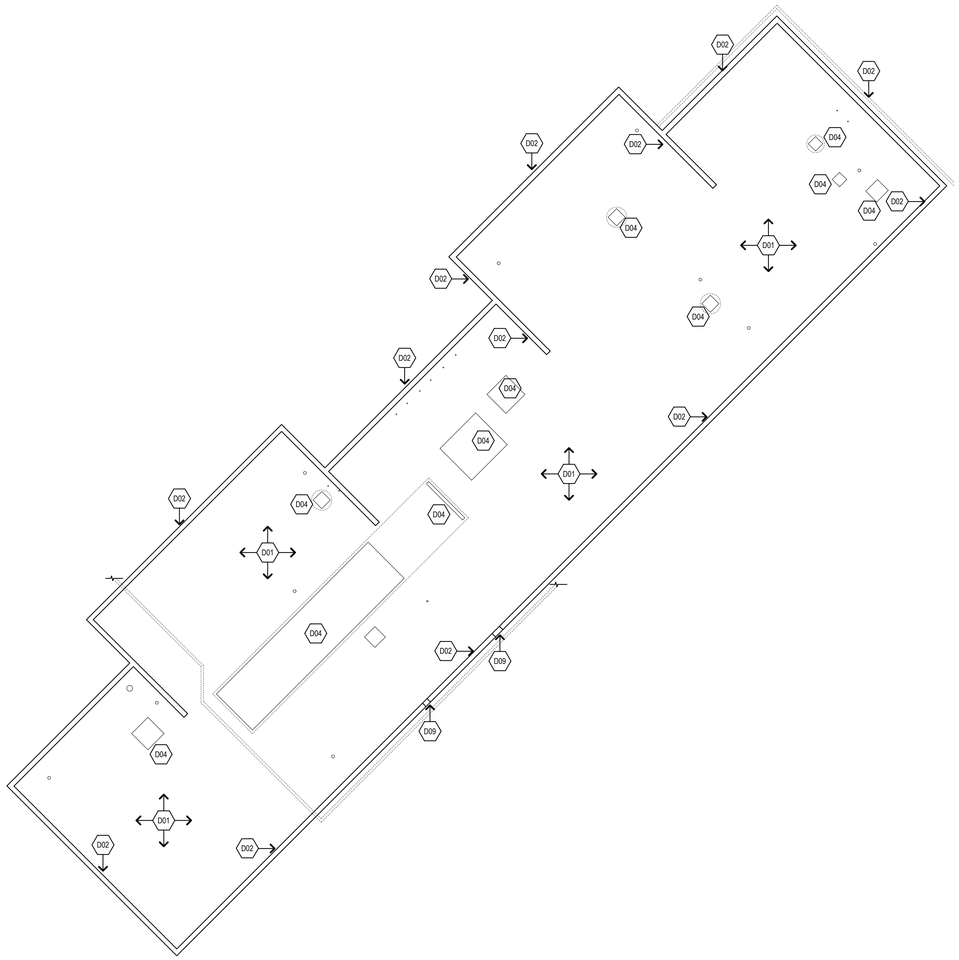
Drawing Number: A003 1



2 CONCOURSE ROOF DEMOLITION PLAN - 5&6
1/8"=1'-0"



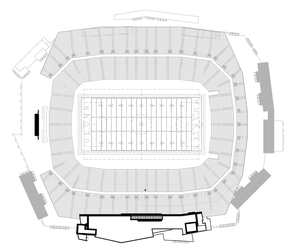
3 CONCOURSE ROOF DEMOLITION PLAN - 9
1/8"=1'-0"



1 CONCOURSE ROOF DEMOLITION PLAN - 7
1/8"=1'-0"

DEMOLITION NOTES

1. REMOVE ALL EXISTING ROOFING SYSTEM (MEMBRANE, INSULATION, COVERBOARD, GYPSUM BOARD & PENETRATION FLASHING).
2. REMOVE ALL PERIMETER METAL FLASHING OF LOW ROOFS WITHIN SCOPE OF WORK, SHOWN SHADED. REFER TO S/A001.
3. REMOVE EXISTING ROOF DRAINS & SUMP.
4. REMOVE ALL MECHANICAL UNIT FLASHING.
5. COORDINATE REMOVAL OF EXISTING CABLE TRAYS WITH THIRD PARTY VENDOR. RETAIN FOR REINSTALLATION.
6. REMOVE EXISTING GUARD FENCE. RETAIN FOR REINSTALLATION.
7. REMOVE EXISTING METAL STAIRS & PLATFORM. RETAIN FOR REINSTALLATION.
8. REMOVE EXISTING P.T. 2X PLATE & METAL SKID. ~~RETAIN METAL SKID FOR REINSTALLATION.~~
9. REMOVE EXISTING ROOF SCUPPER & ASSOCIATED MATERIALS.
10. REMOVE EXISTING SPLASH BOX & DOWNSPOUT. 1



KEY PLAN
SCALE: NONE

Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

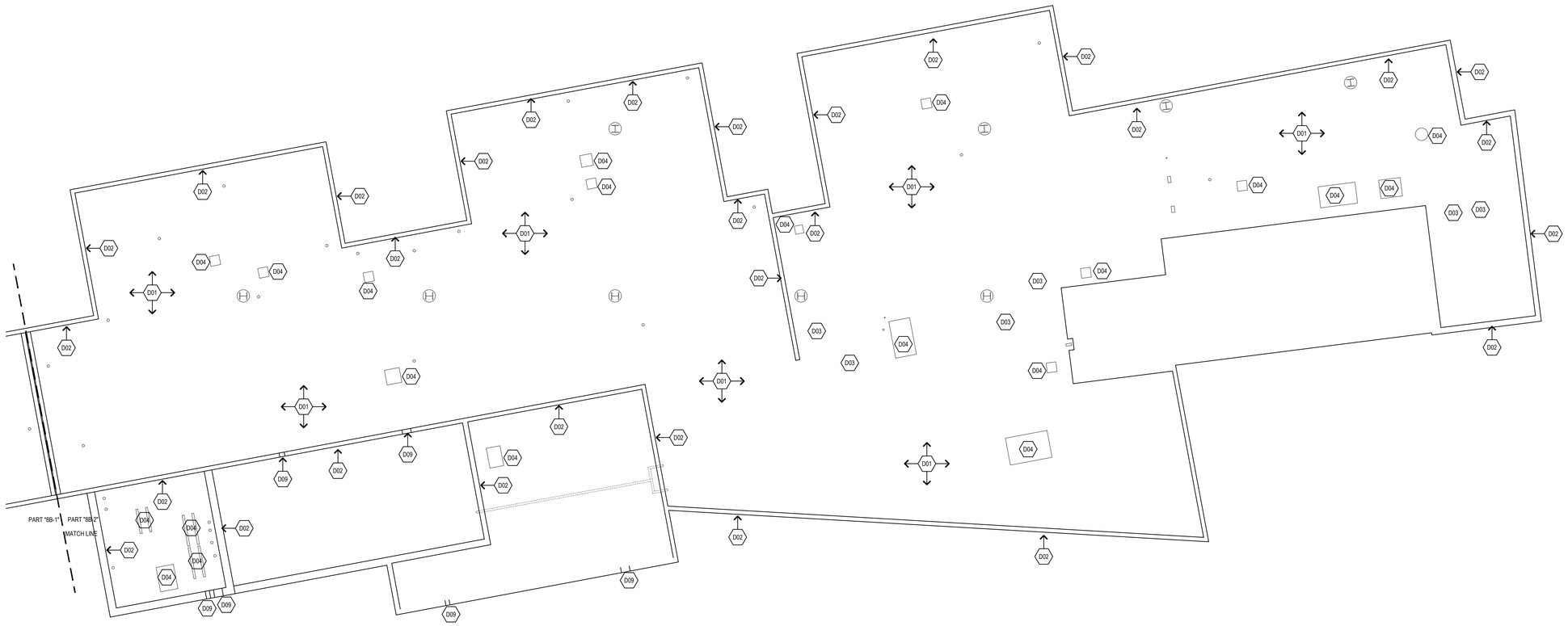
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	05/16/2025	MCM

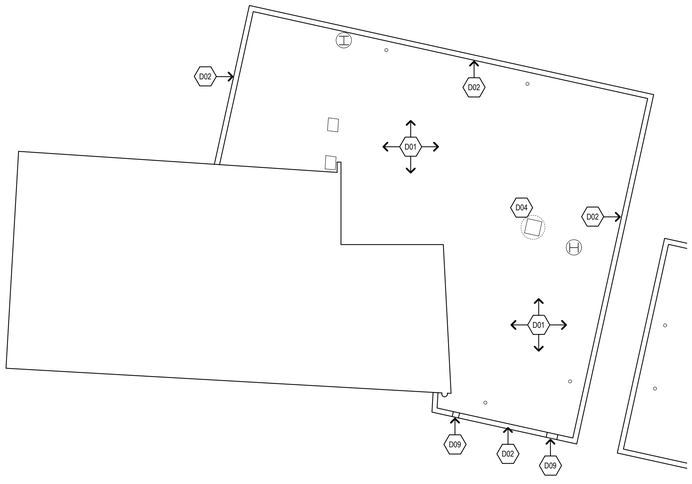
Drawing Title:
CONCOURSE ROOF DEMOLITION PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236

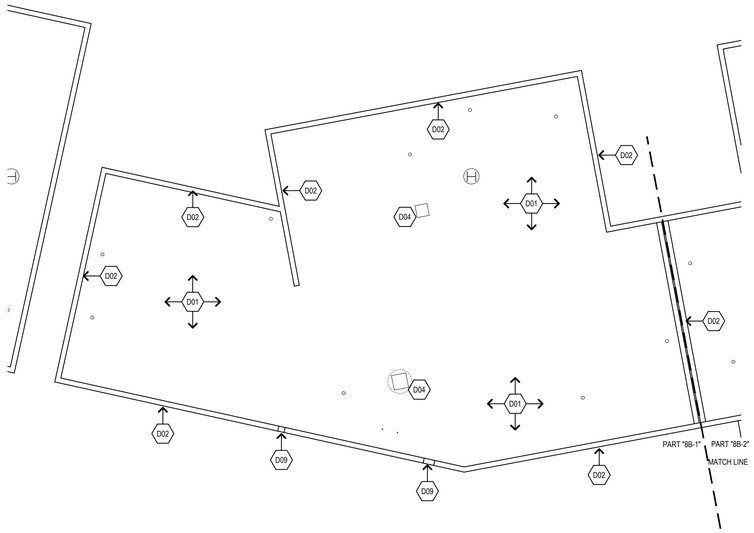
Drawing Number: A004 1



1 CONCOURSE ROOF DEMOLITION PLAN - 8B-2
1/8"=1'-0"



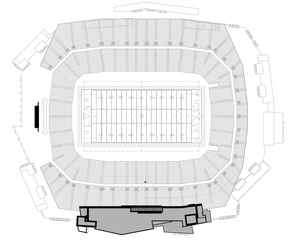
1 CONCOURSE ROOF DEMOLTION PLAN - 8A
1/8"=1'-0"



1 CONCOURSE ROOF DEMOLITION PLAN - 8B-1
1/8"=1'-0"

DEMOLITION NOTES

1. REMOVE ALL EXISTING ROOFING SYSTEM (MEMBRANE, INSULATION, COVERBOARD, GYPSUM BOARD & PENETRATION FLASHING).
2. REMOVE ALL PERIMETER METAL FLASHING OF LOW ROOFS WITHIN SCOPE OF WORK, SHOWN SHADED. REFER TO S/A001.
3. REMOVE EXISTING ROOF DRAINS & SUMP.
4. REMOVE ALL MECHANICAL UNIT FLASHING.
5. COORDINATE REMOVAL OF EXISTING CABLE TRAYS WITH THIRD PARTY VENDOR. RETAIN FOR REINSTALLATION.
6. REMOVE EXISTING GUARD FENCE. RETAIN FOR REINSTALLATION.
7. REMOVE EXISTING METAL STAIRS & PLATFORM. RETAIN FOR REINSTALLATION.
8. REMOVE EXISTING P.T. 2X PLATE & METAL SKID. ~~RETAIN METAL SKID FOR REINSTALLATION.~~
9. REMOVE EXISTING ROOF SCUPPER & ASSOCIATED MATERIALS.
10. REMOVE EXISTING SPLASH BOX & DOWNSPOUT. 1



NORTH

KEY PLAN
SCALE: NONE

Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

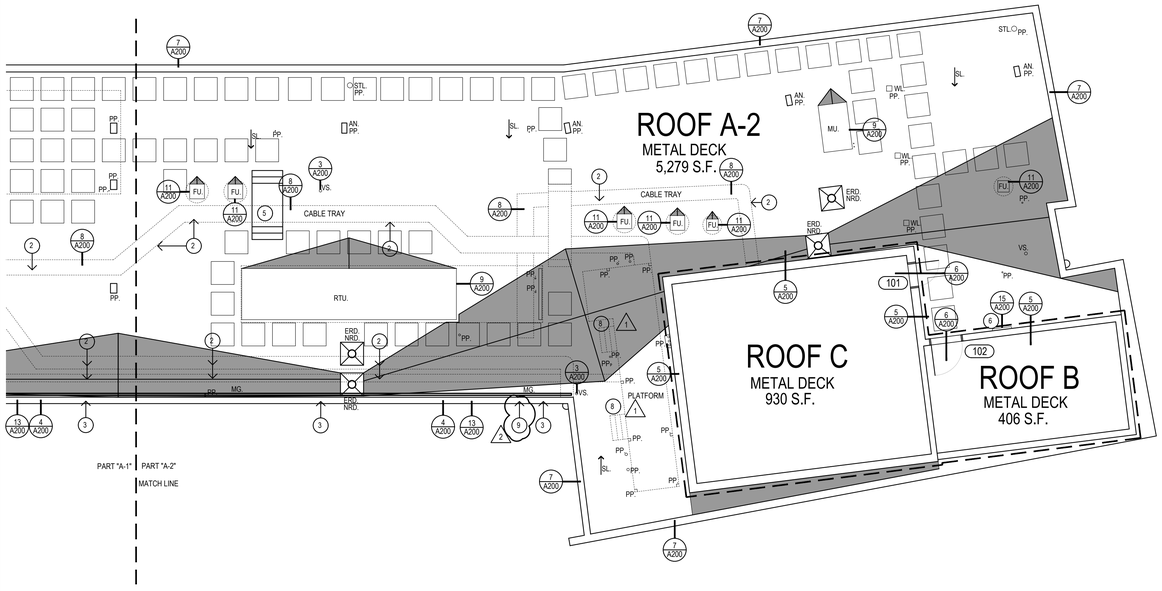
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #3	05/16/2025	MCM

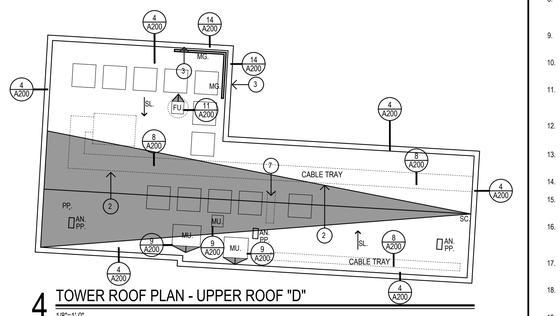
Drawing Title:
CONCOURSE ROOF DEMOLITION PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236

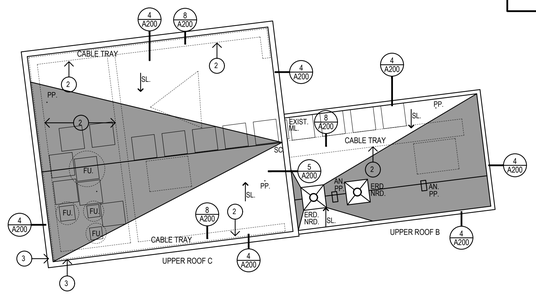
Drawing Number: A005 1



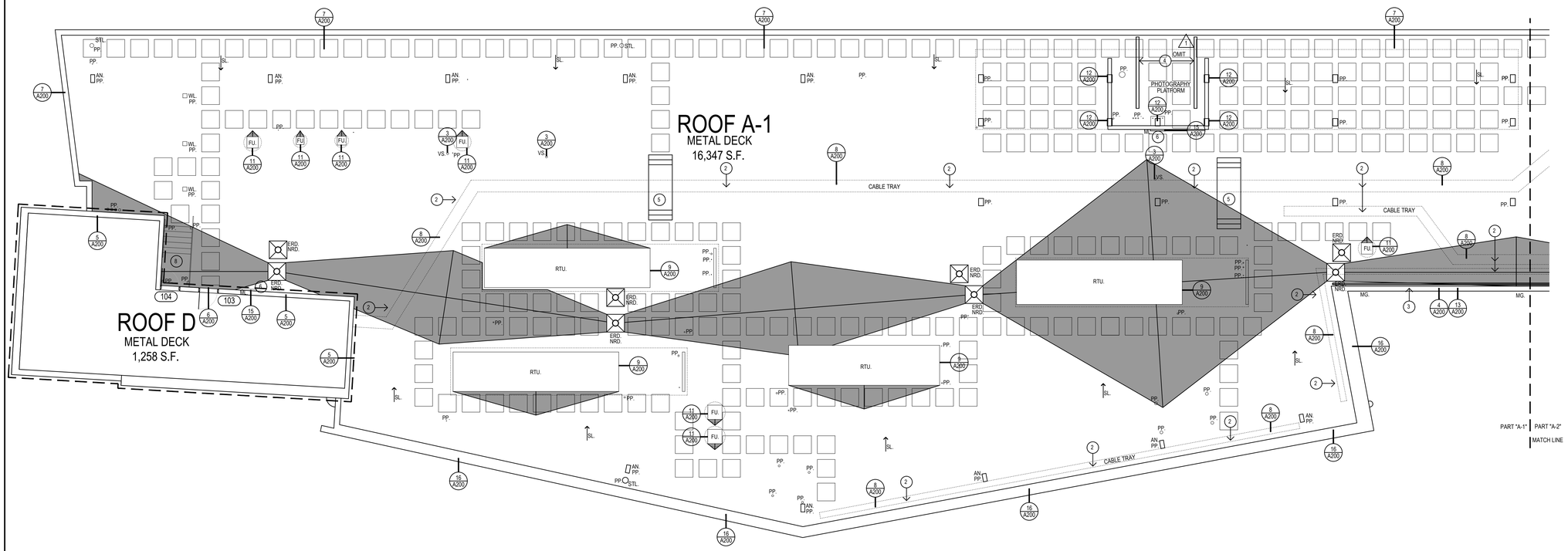
2 TOWER ROOF PLAN - PART "A-2"
1/8"=1'-0"



4 TOWER ROOF PLAN - UPPER ROOF "D"
1/8"=1'-0"



3 TOWER ROOF PLAN - UPPER ROOFS "B" & "C"
1/8"=1'-0"



1 TOWER ROOF PLAN - PART "A-1"
1/8"=1'-0"

GENERAL NOTES

1. ALL FLAT ROOFS TO RECEIVE 5" RIGID INSULATION BASE LAYER (MIN R-30).
2. FIELD VERIFY ALL DIMENSIONS & PERFORM TEST CUTS AT EACH ROOF PRIOR TO THE BID.
3. ALL MATERIALS ARE NEW UNLESS OTHERWISE NOTED "EXISTING".
4. ALL WOOD BLOCKING, PLYWOOD & NAILERS TO BE PRESSURE TREATED. (P.T.)
5. ALL WOOD BLOCKING INDICATED IN DETAILS ARE TO BE ANCHORED TO THE EXISTING STRUCTURE.
6. ALL MEMBRANE FLASHING INDICATED IS TO EXTEND A MINIMUM OF 8". (VERTICAL OR HORIZONTAL)
7. CONTRACTOR IS TO SURVEY THE EXISTING ROOF DECKS W/A LEVEL (AFTER DEMOLITION) TO VERIFY THE SLOPES INDICATED ON PLAN ARE ACCURATE. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO PERFORMING ANY ADDITIONAL ROOFING OPERATIONS.
8. CONTRACTOR IS TO INSPECT THE UNDERSIDE OF ALL ROOF DECKS PRIOR TO ROOFING OPERATIONS TO ENSURE THAT NO INTERIOR MATERIALS, EQUIPMENT, FINISHES OR OBJECTS WILL BE PIERCED OR DAMAGED.
9. CONTRACTOR ASSUMES ALL RESPONSIBILITY DURING PROJECT & WILL REPLACE ANY & ALL DAMAGED EQUIPMENT W/NO ADDITIONAL COST TO OWNER.
10. SITE AREAS DISTURBED SHALL BE CLEANED & RE-LEVELED, W/LAWN AREAS MAGNETICALLY RAKED TO REMOVE ANY METAL DEBRIS & RE-SEEDED AS REQUIRED TO MATCH ADJACENT CONDITIONS.
11. CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR CLEAN UP OF ROOFING MATERIALS & DEBRIS INCLUDING THAT PENETRATES THE INTERIOR ENVELOPE OF THE BUILDING W/NO ADDITIONAL COST TO THE OWNER.
12. SNAKE/CLEAN OUT ALL EXISTING VERTICAL & HORIZONTAL LEADERS OUT TO NEAREST MANHOLE OUTSIDE OF BUILDING.
13. ALL CRICKETS ARE TO BE SLOPED @ A MINIMUM OF $\frac{1}{4}$" PER FOOT & COORDINATE CRICKETS AROUND EXIST. HVAC UNITS AS REQUIRED TO AVOID PONDING.
14. SNAKE/CLEAN OUT ALL EXISTING VENT STACKS BEFORE THE INSTALLATION OF METAL SLEEVE.
15. NEW ROOF INSULATION TO BE A MINIMUM OF R-30 AT ALL NEW ROOF DRAINS AND/OR THE LOW POINTS OF THE ROOF AREAS.
16. ALL ANTENNAE, CONDUITS, CABLE TRAYS, PLATFORMS & ANY OTHER OBJECTS TO REMAIN AFFECTED BY SCOPE OF WORK, TO BE REMOVED & REINSTALLED BY A THIRD PARTY. CONTRACTOR RESPONSIBLE FOR COORDINATION/SCHEDULING OF WORK.
17. ANY UNUSED/DEFUNCT TELECOMMUNICATIONS EQUIPMENT NOT RETAINED BY TELECOM COMPANIES IS TO BE REMOVED.
18. CONTRACTOR TO COORDINATE WITH FACILITY MAINTENANCE THE DEACTIVATION OF TELECOM EQUIPMENT THAT COULD IMPOSE A DANGER TO LABORERS.
19. REMOVE & REINSTALL (REPLACE TO MATCH EXISTING WHERE REQUIRED) EXISTING LIGHTNING PROTECTION THROUGHOUT ROOF. 1

CONSTRUCTION NOTES (X)

1. CONTRACTOR TO PROVIDE A SPECIFIED QUANTITY OF EXISTING DECK REPAIR & REPLACEMENT WHERE WATER DAMAGED. PROVIDE REPLACEMENT DECK FIREPROOFING IN AREAS TO MATCH EXISTING, AS REQUIRED. SEE PROJECT MANUAL.
2. INSTALL NEW RUBBER CONDUIT CURB EVERY 4'.
3. SCRAPE, PRIME & PAINT EXISTING HAND RAIL. SEE PROJECT MANUAL.
4. ~~INSTALL NEW PVC COMPOSITE LUMBER 2x PLATE FOR METAL CKID RE-INSTALL~~ 1
5. PROVIDE GALVANIZED STEEL CABLE TRAY STEP-OVER.
6. PROVIDE NEW ROOF ACCESS LADDER.
7. PROVIDE RUBBER CONDUITS FOR CONDENSER.
8. MODIFY STAIRS AS NEEDED TO ACCOMMODATE INCREASED INSULATION HEIGHT. 1
9. CONTRACTOR TO INSPECT METAL VERTICAL CABLE HOUSING & INSTALL NEW FASTENERS AS NEEDED. REPLACE FASTENERS IN KIND. 2

SYMBOL LEGEND

X / XXX	-	PLAN SECTION DETAIL OR ELEVATION- SHEET NUMBER
SL	-	INDICATES SLOPE DIRECTION OF NEW TAPERED INSULATION &/ OR EXISTING STRUCTURAL PITCH OF THE ROOF DECK.
SL	-	TAPERED INSULATION CRICKET SLOPED @ $\frac{1}{4}$" PER FOOT
NIC.	-	NOT IN CONTRACT SCOPE
ERD.	-	EXISTING ROOF DRAIN. SEE DEMOLITION NOTE #3
NRD.	-	NEW ROOF DRAIN. SEE DETAIL 1/A200
SC.	-	SCUPPER W/ METAL COLLECTION BOX & DOWNSPOUT. SEE DETAIL 10/A200
OSC.	-	OVERFLOW SCUPPER.
MD.	-	METAL DOWNSPOUT.
VS.	-	EXISTING VENT STACK. SEE DETAIL 3/A200
FU.	-	EXISTING FAN UNIT. SEE DETAIL 11/A200
RTU.	-	EXISTING ROOF TOP MECHANICAL UNIT. SEE DETAIL 9/A200
MU.	-	EXISTING MECHANICAL UNIT. SEE DETAIL 9/A200
DS.	-	EXISTING DUCT WORK SUPPORT.
DW.	-	EXISTING DUCT WORK PENETRATION.
PP.	-	PITCH BOX. SEE DETAIL 2/A200
ML.	-	METAL ROOF LADDER.
MS.	-	METAL STAIRCASE.
MG.	-	METAL GUARD RAIL. SCRAPE, PRIME & PAINT
SD.	-	EXISTING STEEL DUNNAGE. SCRAPE, PRIME & PAINT
WL.	-	EXISTING WALKWAY LIGHT
STL.	-	STADIUM LIGHT
XXX	-	DOOR TAG
AN.	-	TIE-DOWN ANCHOR
	-	WALKWAY PAD. REFER TO SPEC MANUAL

BASE BID ROOFS

ROOF A-1	16,347	SF.
ROOF A-2	5,279	SF.
ROOF B	406	SF.
ROOF C	930	SF.
ROOF D	1,258	SF.

TOTAL BASE BID ROOFS: 24,220 SF.

CONCOURSE BID ROOFS

ROOF 1	4,743	SF.
ROOF 2	3,329	SF.
ROOF 3	4,910	SF.
ROOF 4	2,384	SF.
ROOF 5	5,067	SF.
ROOF 6	3,584	SF.
ROOF 7	4,489	SF.
ROOF 8A	1,714	SF.
ROOF 8B-1	3,024	SF.
ROOF 8B-2	13,325	SF.
ROOF 9	4,993	SF.

TOTAL CONCOURSE BID ROOFS: 51,562 SF. 2

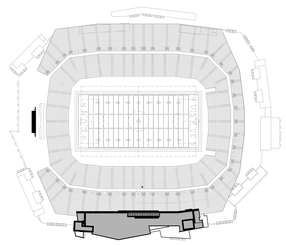
ROOF ASSEMBLY

OUTSIDE AIR	0.17
ROOF MEMBRANE	0.33
COVERBOARD	2.20
5" POLYISO INSUL.	30
EXISTING DECK	N/A
INSIDE AIR	0.61
R-VALUE TOTAL	33.31

CODE INFORMATION

USE GROUP : A
CONSTRUCTION CLASS: 2A
RISK CATEGORY #4
ULTIMATE DESIGN WIND SPEED: 135 MPH
NOMINAL DESIGN WIND SPEED: 105 MPH

FACTORY MUTUAL ENGINEERING & RESEARCH CORPORATION (FM): ROOF ASSEMBLY CLASSIFICATION OF NON-COMBUSTIBLE CONSTRUCTION, WIND UPLIFT REQUIREMENT OF I-60 FOR FIELD, I-75 FOR PERIMETER AND I-110 FOR CORNERS, IN ACCORDANCE WITH FM PROPERTY LOSS PREVENTION DATA SHEETS 1-28.



NORTH

KEY PLAN
SCALE: NONE

Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

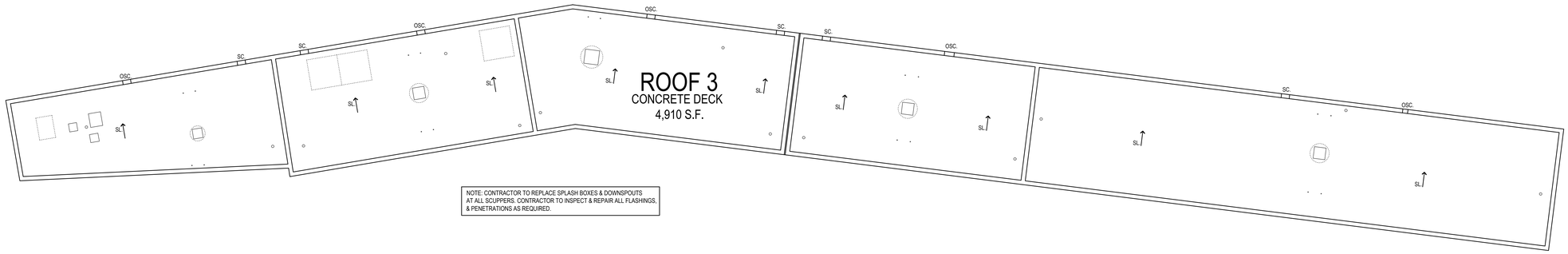
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #2	05/06/2025	MCM
2	ADDENDUM #3	05/16/2025	MCM

Drawing Title:
TOWER ROOF PLAN

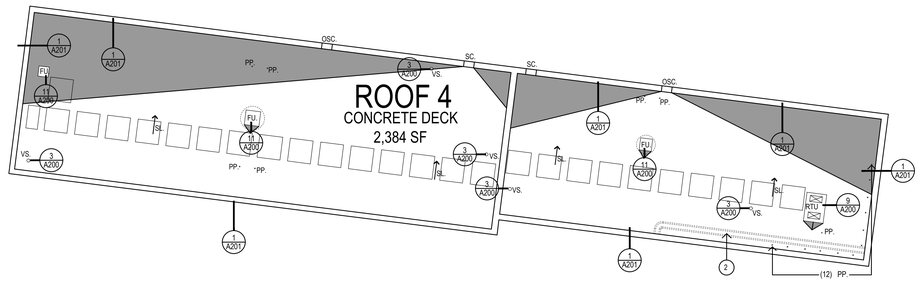
Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236

Drawing Number: A100

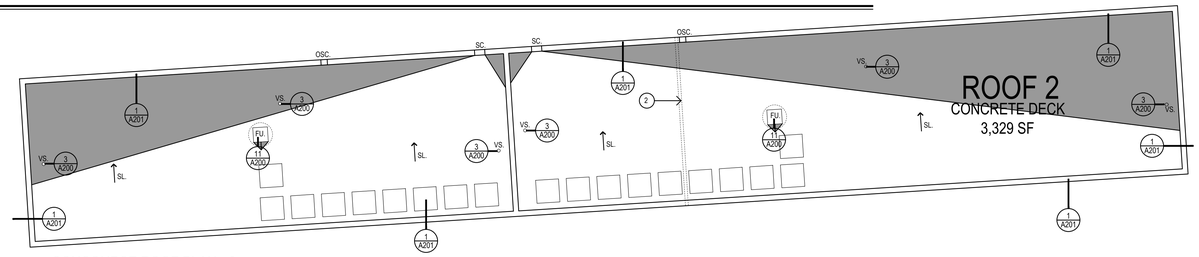


NOTE: CONTRACTOR TO REPLACE SPLASH BOXES & DOWNSPOUTS AT ALL SCUPPERS. CONTRACTOR TO INSPECT & REPAIR ALL FLASHINGS, & PENETRATIONS AS REQUIRED.

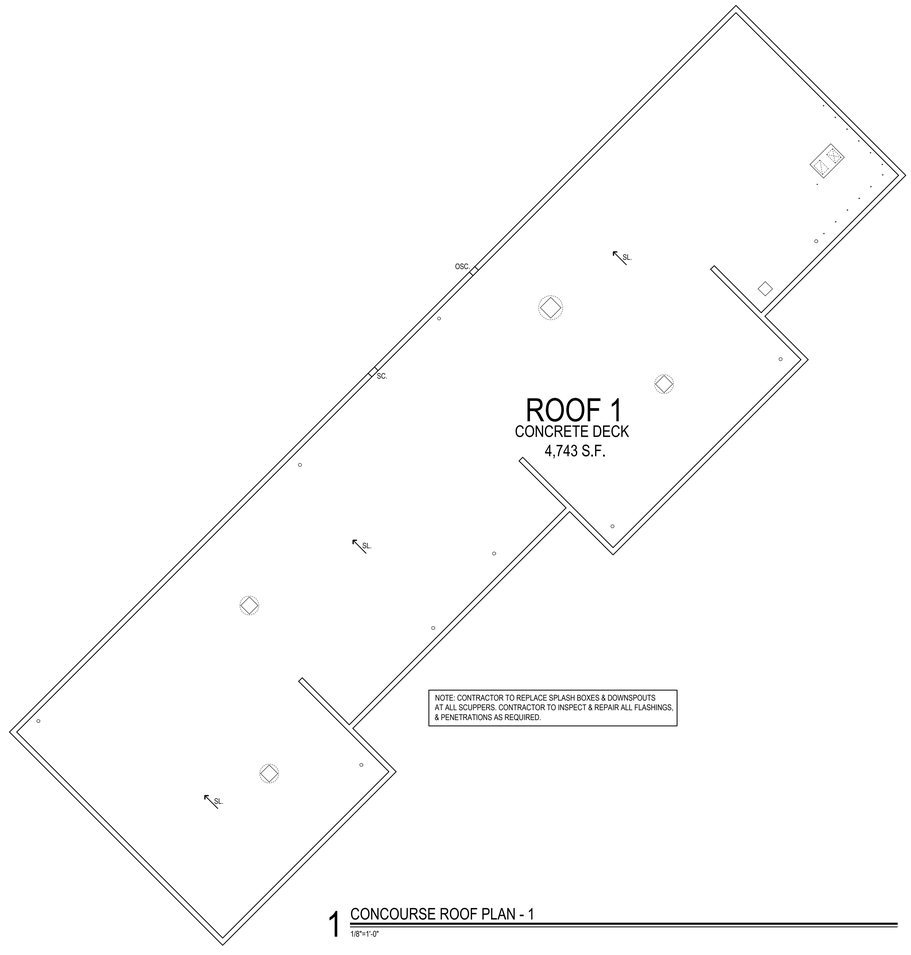
3 CONCOURSE ROOF PLAN - 3
1/8"=1'-0"



4 CONCOURSE ROOF PLAN - 4
1/8"=1'-0"

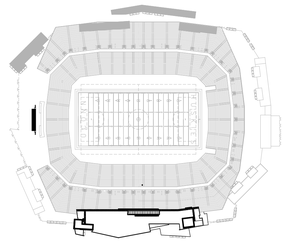


2 CONCOURSE ROOF PLAN - 2
1/8"=1'-0"



NOTE: CONTRACTOR TO REPLACE SPLASH BOXES & DOWNSPOUTS AT ALL SCUPPERS. CONTRACTOR TO INSPECT & REPAIR ALL FLASHINGS, & PENETRATIONS AS REQUIRED.

1 CONCOURSE ROOF PLAN - 1
1/8"=1'-0"



NORTH

KEY PLAN
SCALE: NONE

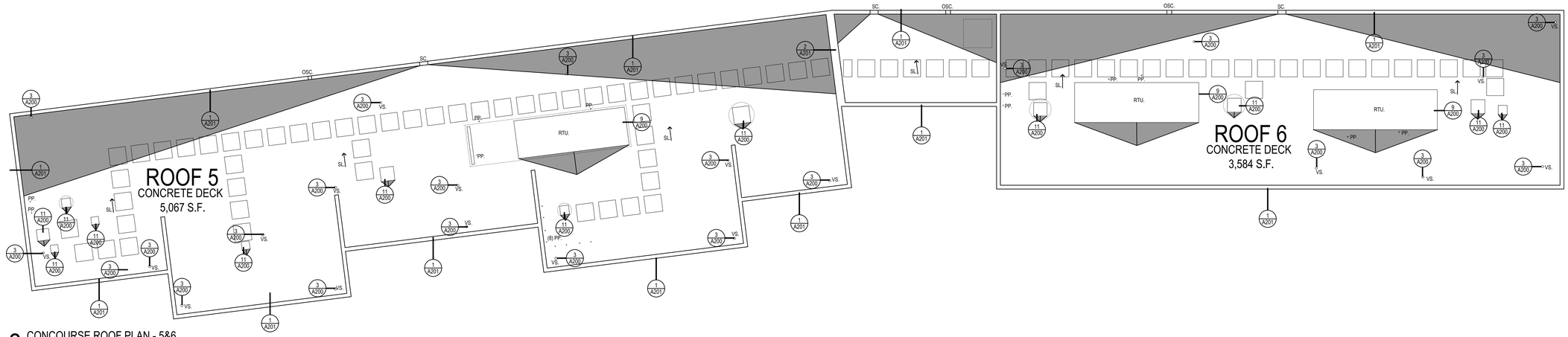
Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

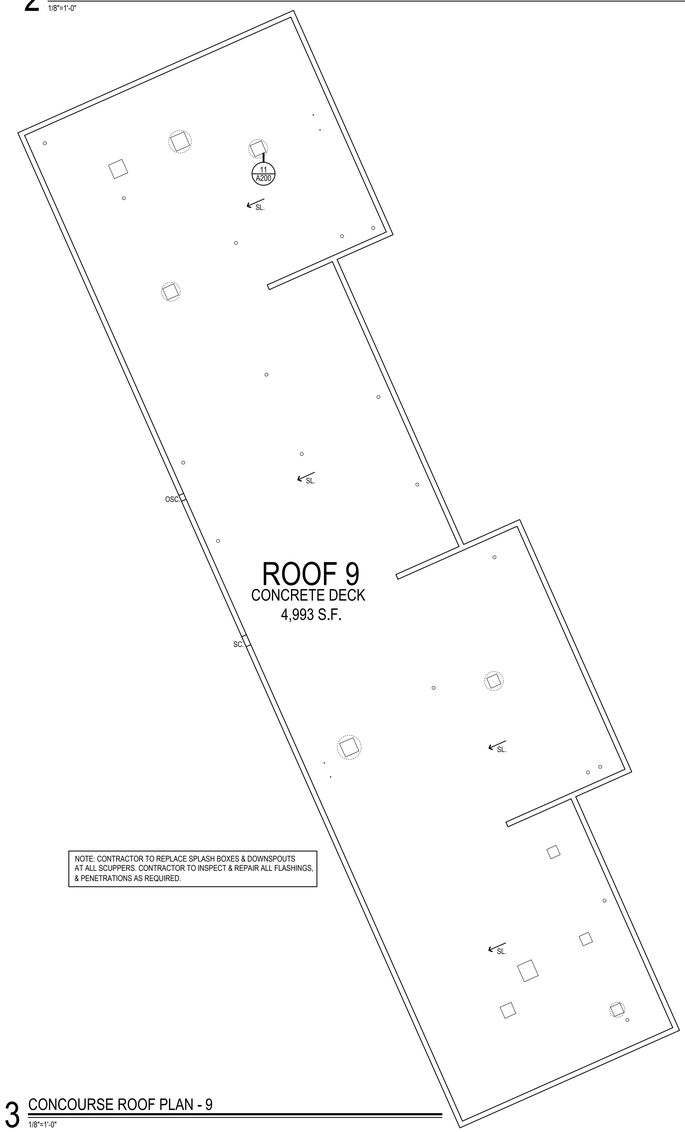
Revision:	Description:	Date:	Revised By:
1	ADDENDUM #2	05/06/2025	MCM

Drawing Title:
CONCOURSE ROOF PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236
Drawing Number: A101

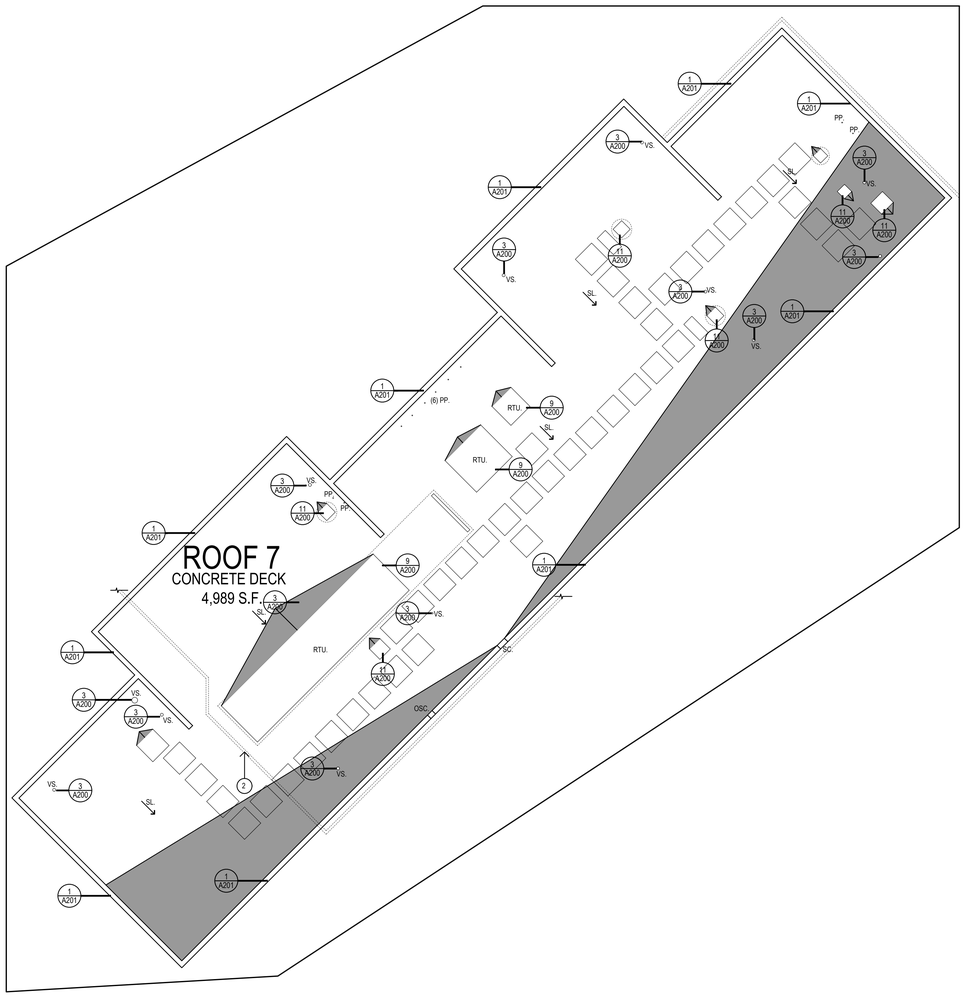


2 CONCOURSE ROOF PLAN - 5&6
1/8"=1'-0"

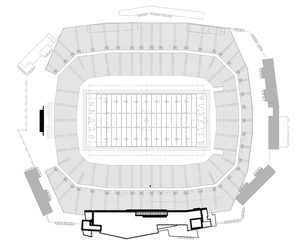


NOTE: CONTRACTOR TO REPLACE SPLASH BOXES & DOWNSPOUTS AT ALL SCUPPERS. CONTRACTOR TO INSPECT & REPAIR ALL FLASHINGS, & PENETRATIONS AS REQUIRED.

3 CONCOURSE ROOF PLAN - 9
1/8"=1'-0"



1 CONCOURSE ROOF PLAN - 7
1/8"=1'-0"



KEY PLAN
SCALE: NONE

NORTH

Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

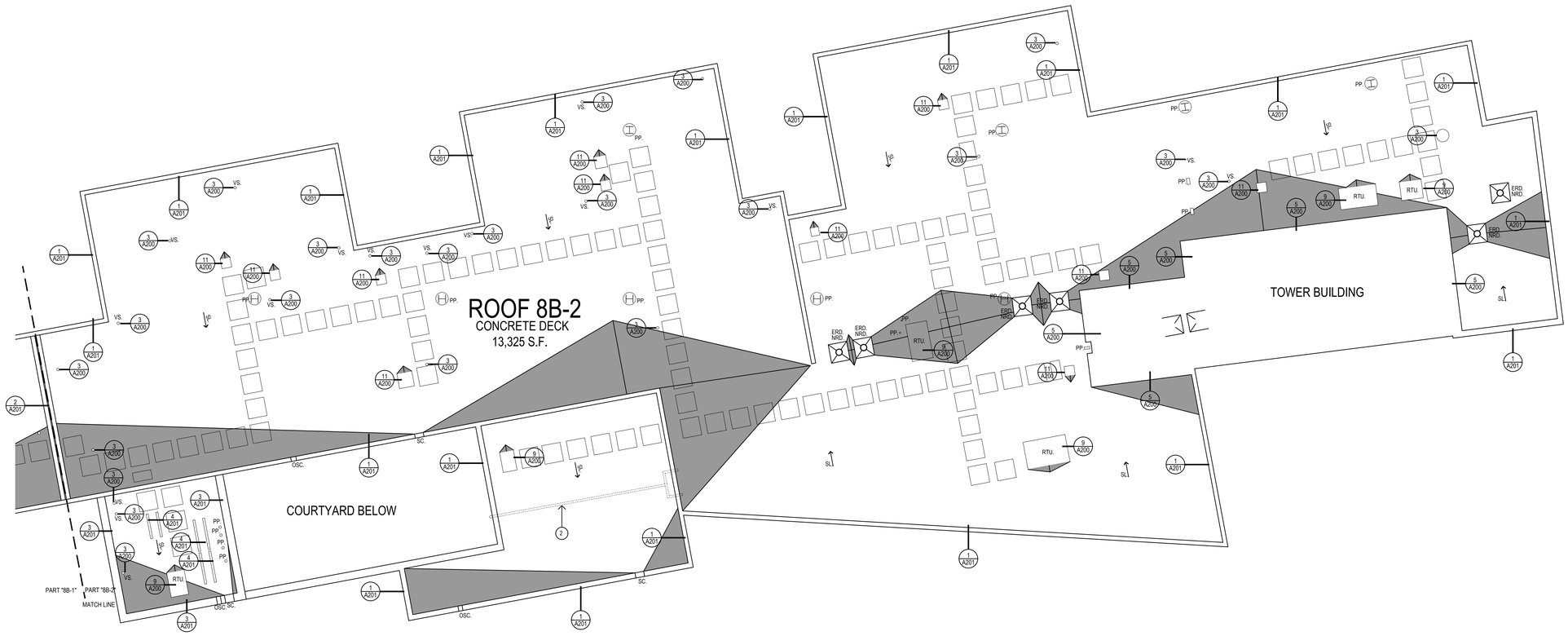
SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #2	05/06/2025	MCM

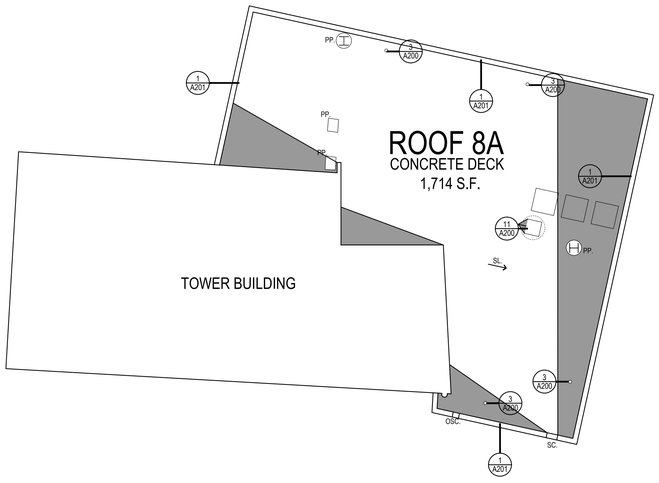
Drawing Title:
CONCOURSE ROOF PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236

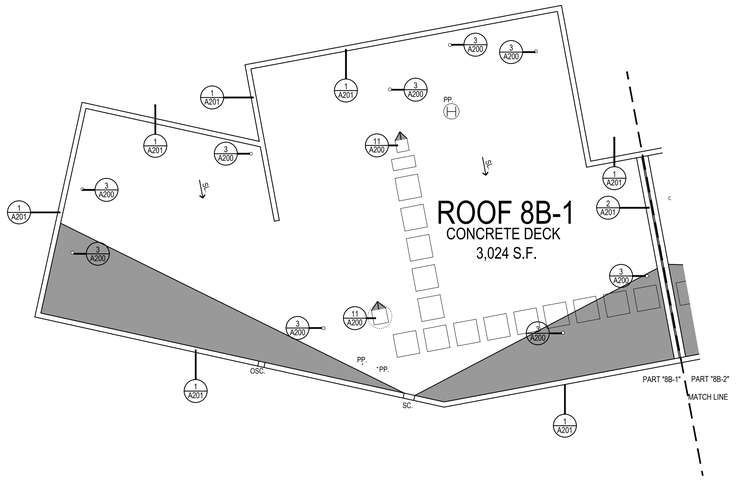
Drawing Number: A102
1



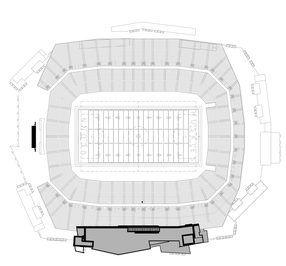
1 CONCOURSE ROOF PLAN - 8B-2
1/8"=1'-0"



1 CONCOURSE ROOF PLAN - 8A
1/8"=1'-0"



1 CONCOURSE ROOF PLAN - 8B-1
1/8"=1'-0"



NORTH

KEY PLAN
SCALE: NONE

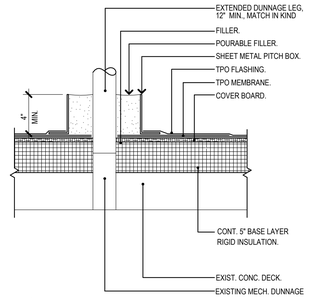
Project Title:
ROOF REPLACEMENT AT:
RENTSCHLER FIELD TOWER ROOF
615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

SILVER PETRUCELLI + ASSOCIATES
3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:
1	ADDENDUM #2	05/06/2025	MCM

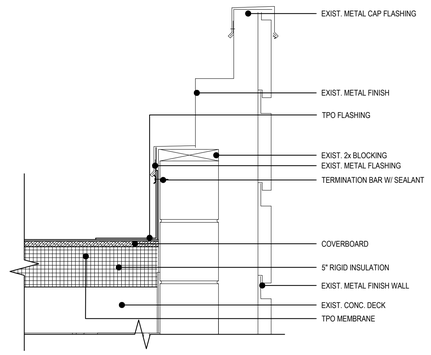
Drawing Title:
CONCOURSE ROOF PLANS

Date: 04/28/2025
Scale: 1/8" = 1'-0"
Drawn By: MCM
Project Number: 24-236
Drawing Number: A103
1

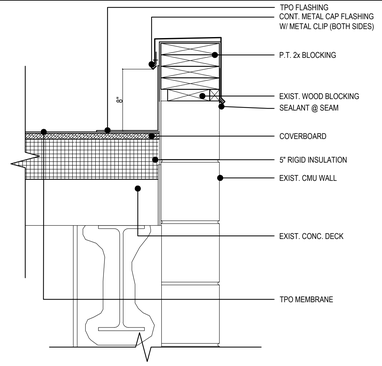


NOTE:
DISCONNECT UTILITIES FROM MECH. UNIT & TEMPORARILY REMOVE UNIT. EXTEND DUNNAGE LEGS, MATCH IN KIND. FLASH DUNNAGE WITH PITCH BOX AS SHOWN.

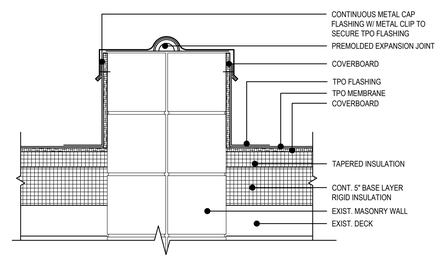
4 MECHANICAL UNIT DUNNAGE EXTENSION DETAIL
1.1/2"=1'-0"



3 ROOF EDGE DETAIL
1.1/2"=1'-0"



2 ROOF EDGE DETAIL
1.1/2"=1'-0"



1 EXPANSION JOINT DETAIL
1.1/2"=1'-0"

Project Title:
ROOF REPLACEMENT AT:

RENTSCHLER FIELD TOWER ROOF

615 SILVER LANE
EAST HARTFORD, CONNECTICUT 06118

SILVER PETRUCELLI + ASSOCIATES

3190 WHITNEY AVENUE HAMDEN CT 06518
311 STATE STREET NEW LONDON CT 06320
203 230 9007 silverpetrucelli.com

Revision:	Description:	Date:	Revised By:

Drawing Title:
DETAILS

Date: 04/28/2025
Scale: AS NOTED
Drawn By: MCM
Project Number: 24-236

Drawing Number: A201 2